

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR111419\
 Data File : PR043093.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2019 14:08
 Operator : SM\AJ
 Sample : K5668-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 HD-02-111319MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 14:53:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 01 09:55:27 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.717	3.977	76391936	246.2E6	12.960	12.279
2)	SA Decachlor...	10.626	9.069	72227396	166.3E6	18.048	13.235 #
Target Compounds							
3)	L1 AR-1016-1	5.891	5.069	27617438	80355009	153.940	138.512
4)	L1 AR-1016-2	5.915	5.089	39427888	107.5E6	158.225	137.126
5)	L1 AR-1016-3	5.977	5.266	23977957	49217068	159.432	133.855
6)	L1 AR-1016-4	6.078	5.306	19652732	40269516	156.596	146.893
7)	L1 AR-1016-5	6.371	5.522	20261144	40766445	163.610	132.870
9)	L2 AR-1221-2	0.000	4.276	0	12008185	N.D.	90.800 #
10)	L2 AR-1221-3	5.090	4.352	13767194	43680093	119.184	105.611
11)	L3 AR-1232-1	5.090	4.352	13767194	43680093	86.166	75.676
12)	L3 AR-1232-2	5.624	5.089	21037503	107.5E6	248.994	195.736
13)	L3 AR-1232-3	5.915	5.266	39427888	49217068	228.950	190.216
14)	L3 AR-1232-4	6.078	5.349	19652732	46121880	229.814	229.540
15)	L3 AR-1232-5	6.163	5.522	16742962	40766445	258.494	200.790
16)	L4 AR-1242-1	5.891	5.069	27617438	80355009	216.629	192.592
17)	L4 AR-1242-2	5.915	5.089	39427888	107.5E6	219.793	190.919
18)	L4 AR-1242-3	5.977	5.266	23977957	49217068	221.888	181.204
19)	L4 AR-1242-4	6.078	5.349	19652732	46121880	218.065	195.697
20)	L4 AR-1242-5	6.748	5.875	15800438	32506107	158.061	110.216 #
21)	L5 AR-1248-1	5.891	5.069	27617438	80355009	291.097	254.342
22)	L5 AR-1248-2	6.163	5.306	16742962	40269516	127.046	121.343
23)	L5 AR-1248-3	6.371	5.349	20261144	46121880	136.815	140.549
24)	L5 AR-1248-4	6.748	5.522	15800438	40766445	92.531	113.617
25)	L5 AR-1248-5	6.748	5.875	15800438	32506107	97.432	83.856
26)	L6 AR-1254-1	6.748	5.875	15800438	32506107	84.646	51.583 #
27)	L6 AR-1254-2	6.964	6.022	16246386	32395992	55.655	55.451
28)	L6 AR-1254-3	7.337	6.442	10011652	87350397	31.790	84.891 #
29)	L6 AR-1254-4	7.621	6.655	6473992	17153020	27.622	22.493
30)	L6 AR-1254-5	8.039	7.073	50138494	121.8E6	199.422	132.181 #
31)	L7 AR-1260-1	7.497	6.558	34250485	86173101	164.741	142.177
32)	L7 AR-1260-2	7.751	6.744	49630475	129.9E6	203.002	150.198 #
33)	L7 AR-1260-3	8.113	6.900	32235282	99123585	178.326	139.574
34)	L7 AR-1260-4	8.351	7.373	38566483	83137575	184.801	142.401
35)	L7 AR-1260-5	8.689	7.612	76550401	231.0E6	184.636	143.159
36)	L8 AR-1262-1	8.113	7.165	32235282	50246456	109.239	115.654
37)	L8 AR-1262-2	8.689	7.612	76550401	231.0E6	137.454	110.511
38)	L8 AR-1262-3	9.040	7.896	48551591	56354324	135.862	67.194 #
39)	L8 AR-1262-4	9.099	7.961	29289098	149.2E6	216.160	105.781 #
40)	L8 AR-1262-5	9.820	8.477	22263762	54362809	121.554	83.533 #
41)	L9 AR-1268-1	9.040	7.896	48551591	56354324	76.510	23.208 #
42)	L9 AR-1268-2	9.099	7.961	29289098	149.2E6	50.878	69.458 #
44)	L9 AR-1268-4	9.820	8.477	22263762	54362809	108.496	74.988 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR111419\
 Data File : PR043093.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2019 14:08
 Operator : SM\AJ
 Sample : K5668-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

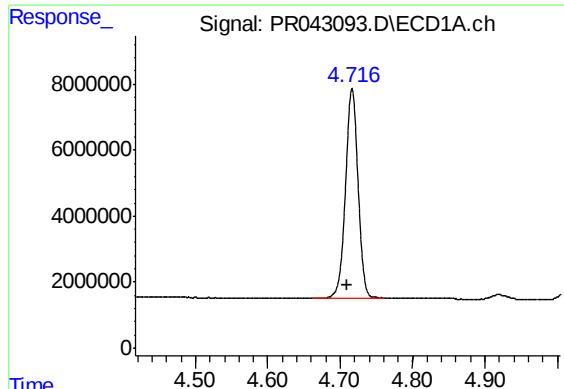
Instrument :
 ECD_R
 ClientSampleId :
 HD-02-111319MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 14:53:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 01 09:55:27 2019
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 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	8.791	0	17830482	N.D.	3.462 #

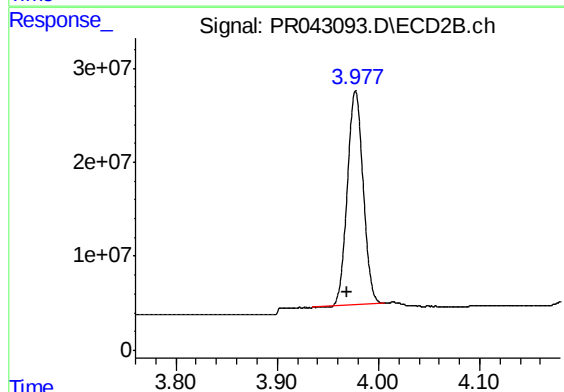
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

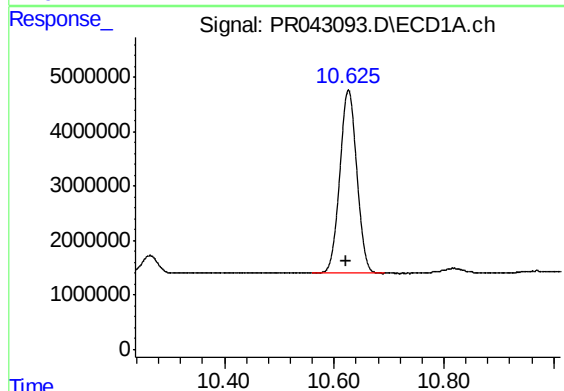
R.T.: 4.717 min
Delta R.T.: 0.008 min
Response: 76391936
Conc: 12.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



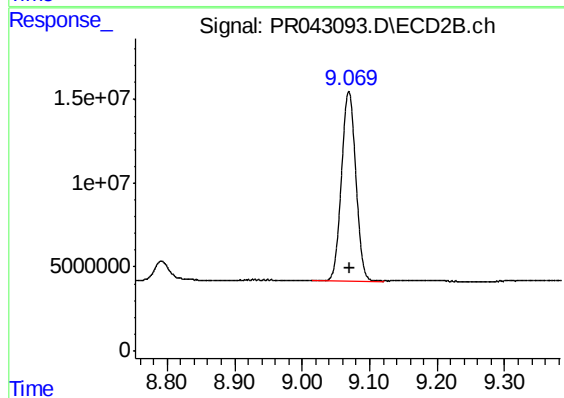
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: 0.008 min
Response: 246212774
Conc: 12.28 ng/ml



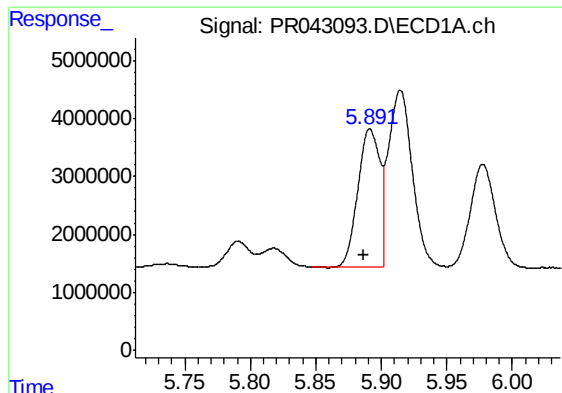
#2 Decachlorobiphenyl

R.T.: 10.626 min
Delta R.T.: 0.004 min
Response: 72227396
Conc: 18.05 ng/ml



#2 Decachlorobiphenyl

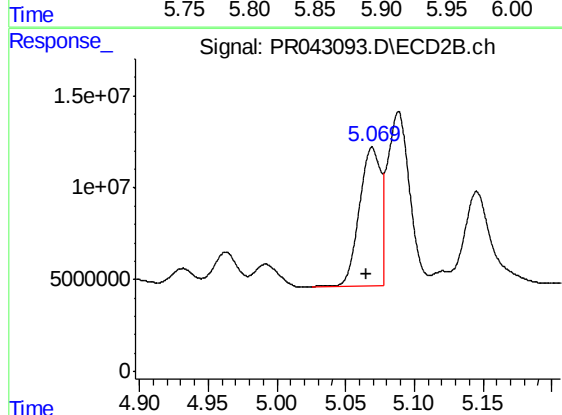
R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 166306644
Conc: 13.23 ng/ml



#3 AR-1016-1

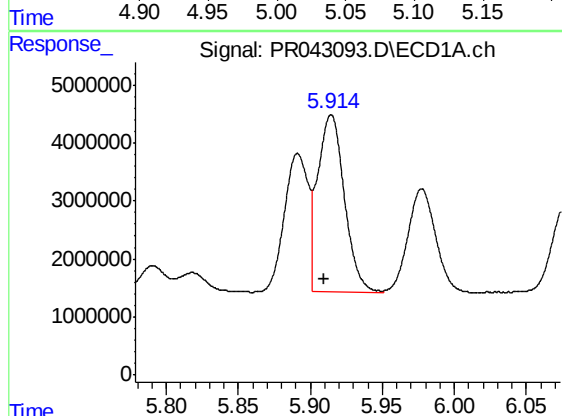
R.T.: 5.891 min
Delta R.T.: 0.005 min
Response: 27617438
Conc: 153.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



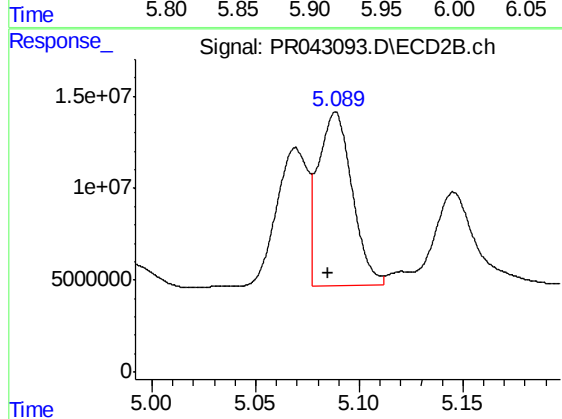
#3 AR-1016-1

R.T.: 5.069 min
Delta R.T.: 0.004 min
Response: 80355009
Conc: 138.51 ng/ml



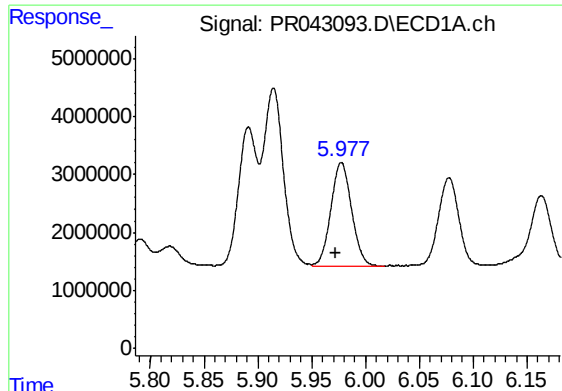
#4 AR-1016-2

R.T.: 5.915 min
Delta R.T.: 0.005 min
Response: 39427888
Conc: 158.22 ng/ml



#4 AR-1016-2

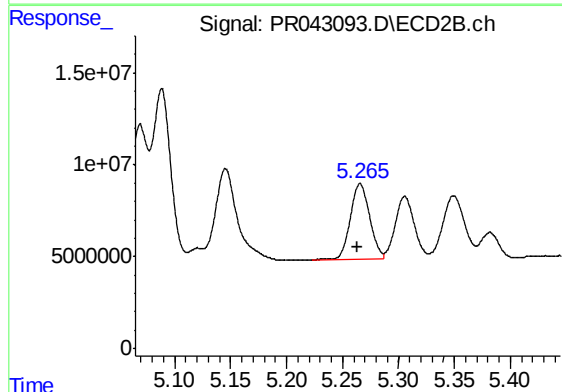
R.T.: 5.089 min
Delta R.T.: 0.003 min
Response: 107463471
Conc: 137.13 ng/ml



#5 AR-1016-3

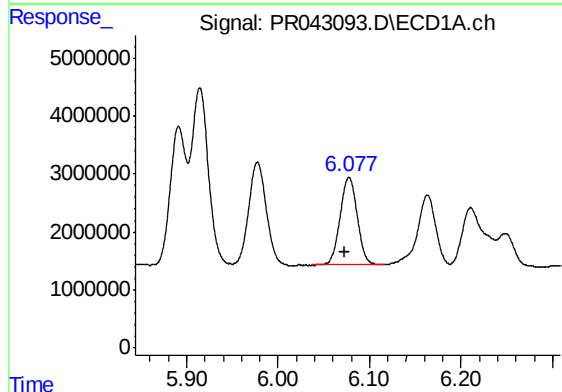
R.T.: 5.977 min
Delta R.T.: 0.005 min
Response: 23977957
Conc: 159.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



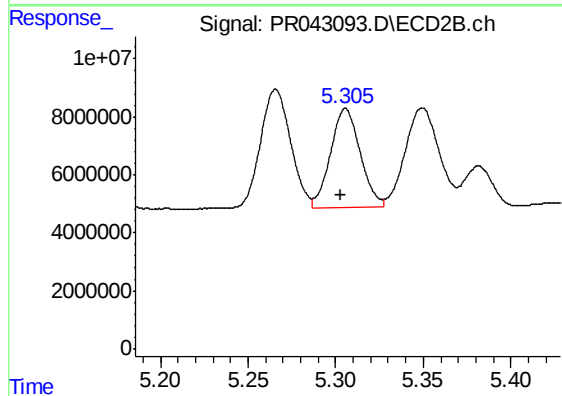
#5 AR-1016-3

R.T.: 5.266 min
Delta R.T.: 0.003 min
Response: 49217068
Conc: 133.86 ng/ml



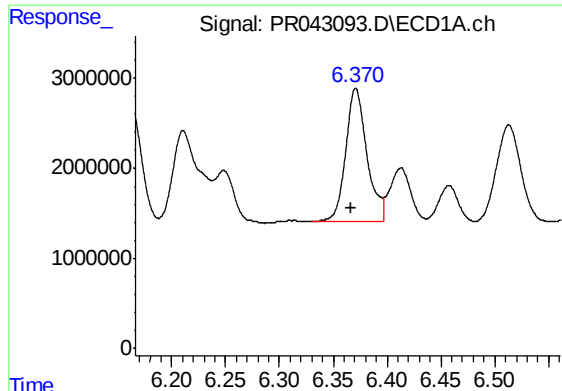
#6 AR-1016-4

R.T.: 6.078 min
Delta R.T.: 0.005 min
Response: 19652732
Conc: 156.60 ng/ml



#6 AR-1016-4

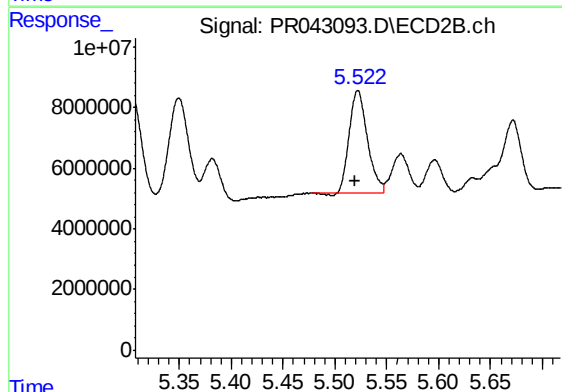
R.T.: 5.306 min
Delta R.T.: 0.003 min
Response: 40269516
Conc: 146.89 ng/ml



#7 AR-1016-5

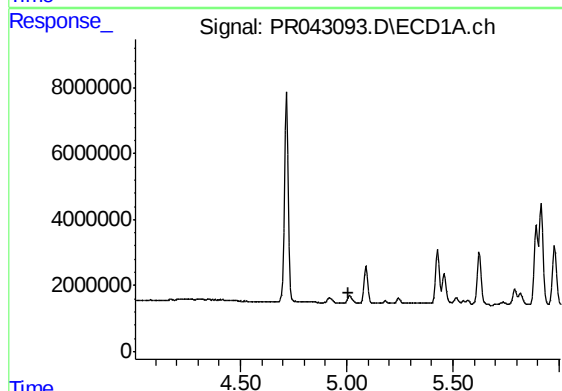
R.T.: 6.371 min
Delta R.T.: 0.004 min
Response: 20261144
Conc: 163.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



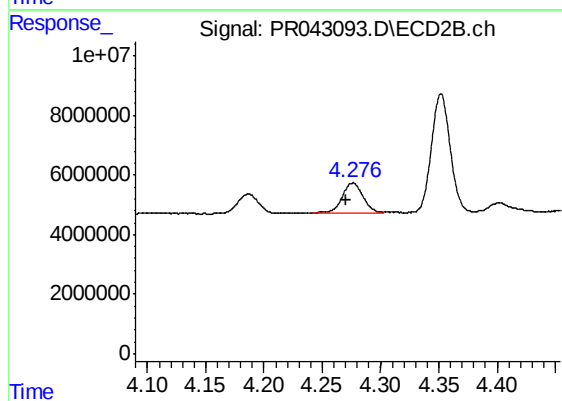
#7 AR-1016-5

R.T.: 5.522 min
Delta R.T.: 0.003 min
Response: 40766445
Conc: 132.87 ng/ml



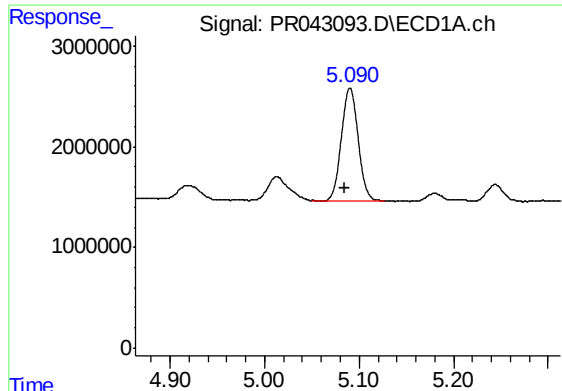
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.006 min
Response: 0
Conc: N.D.



#9 AR-1221-2

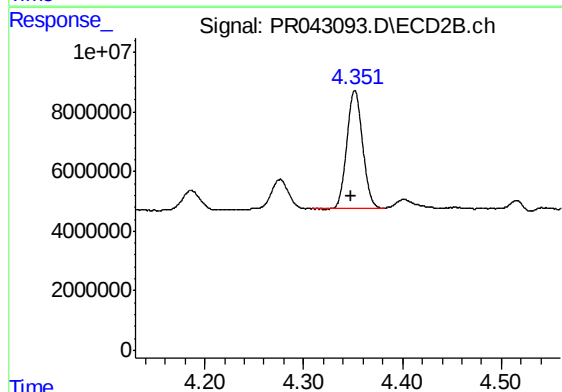
R.T.: 4.276 min
Delta R.T.: 0.006 min
Response: 12008185
Conc: 90.80 ng/ml



#10 AR-1221-3

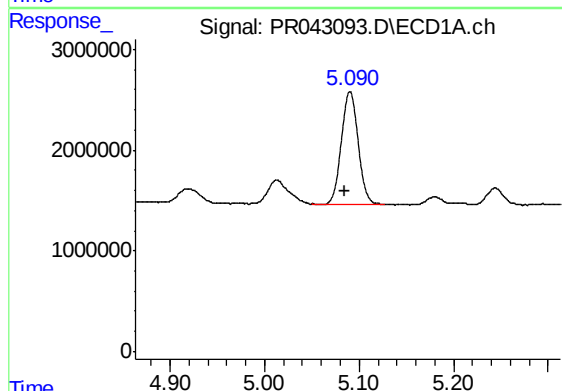
R.T.: 5.090 min
Delta R.T.: 0.006 min
Response: 13767194
Conc: 119.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



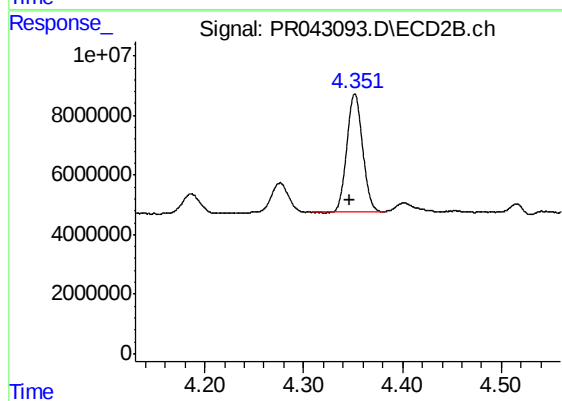
#10 AR-1221-3

R.T.: 4.352 min
Delta R.T.: 0.004 min
Response: 43680093
Conc: 105.61 ng/ml



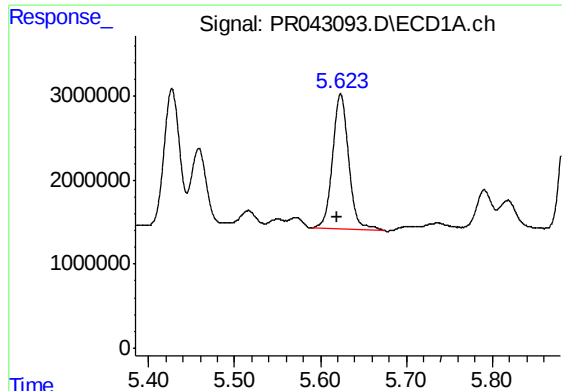
#11 AR-1232-1

R.T.: 5.090 min
Delta R.T.: 0.006 min
Response: 13767194
Conc: 86.17 ng/ml



#11 AR-1232-1

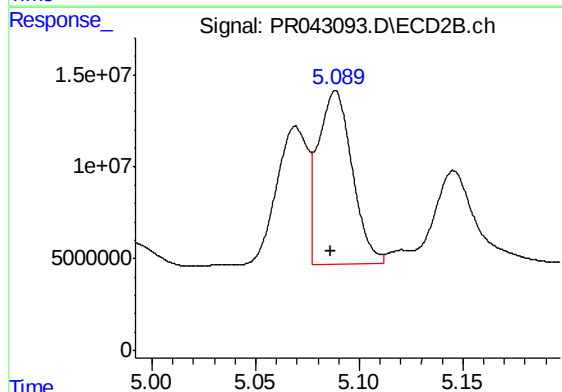
R.T.: 4.352 min
Delta R.T.: 0.004 min
Response: 43680093
Conc: 75.68 ng/ml



#12 AR-1232-2

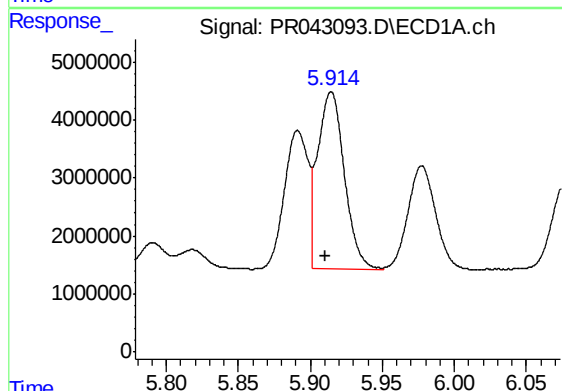
R.T.: 5.624 min
Delta R.T.: 0.005 min
Response: 21037503
Conc: 248.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



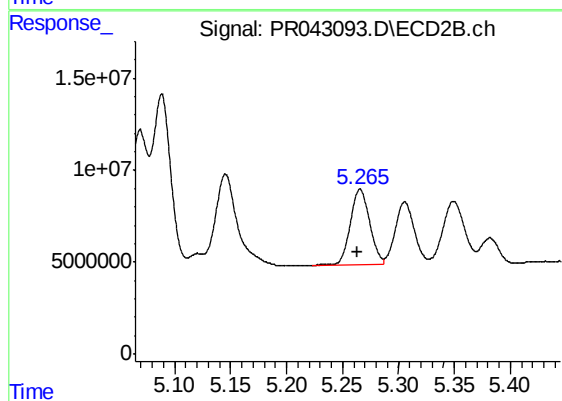
#12 AR-1232-2

R.T.: 5.089 min
Delta R.T.: 0.003 min
Response: 107463471
Conc: 195.74 ng/ml



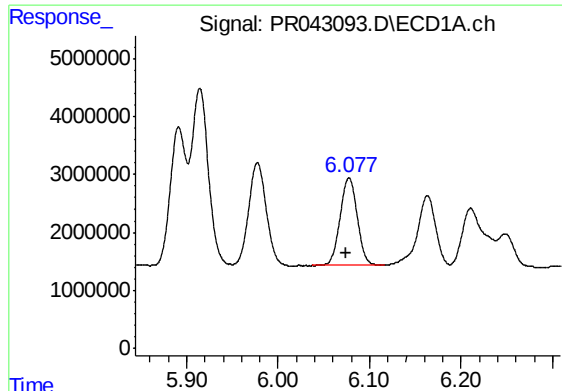
#13 AR-1232-3

R.T.: 5.915 min
Delta R.T.: 0.004 min
Response: 39427888
Conc: 228.95 ng/ml



#13 AR-1232-3

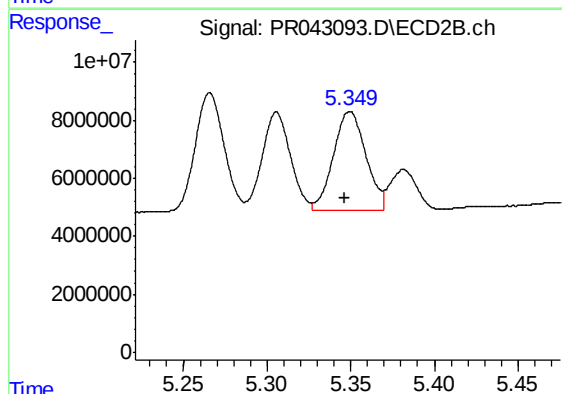
R.T.: 5.266 min
Delta R.T.: 0.002 min
Response: 49217068
Conc: 190.22 ng/ml



#14 AR-1232-4

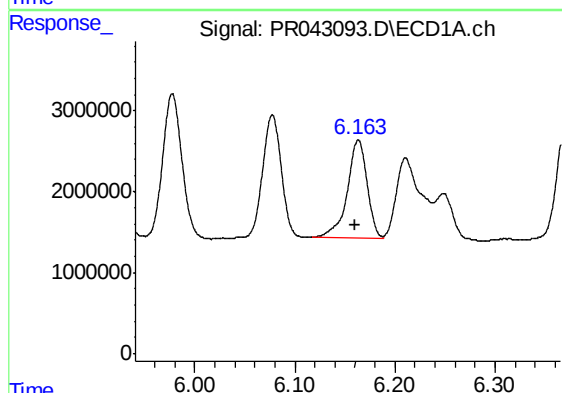
R.T.: 6.078 min
Delta R.T.: 0.004 min
Response: 19652732
Conc: 229.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



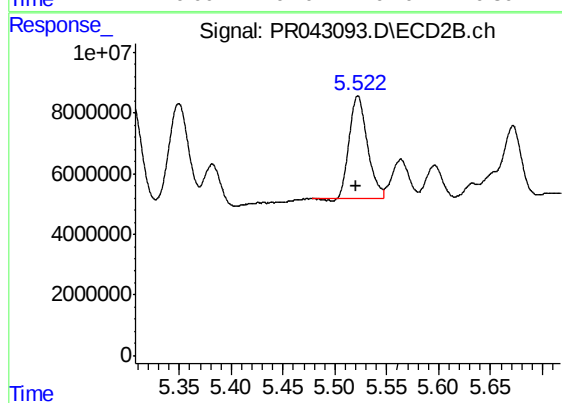
#14 AR-1232-4

R.T.: 5.349 min
Delta R.T.: 0.003 min
Response: 46121880
Conc: 229.54 ng/ml



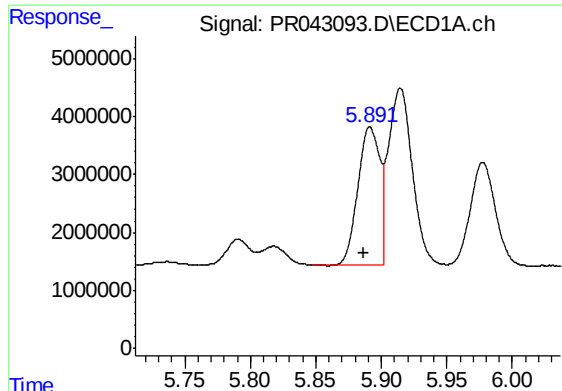
#15 AR-1232-5

R.T.: 6.163 min
Delta R.T.: 0.003 min
Response: 16742962
Conc: 258.49 ng/ml



#15 AR-1232-5

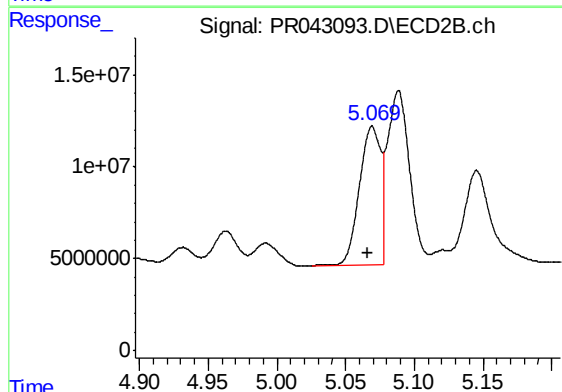
R.T.: 5.522 min
Delta R.T.: 0.002 min
Response: 40766445
Conc: 200.79 ng/ml



#16 AR-1242-1

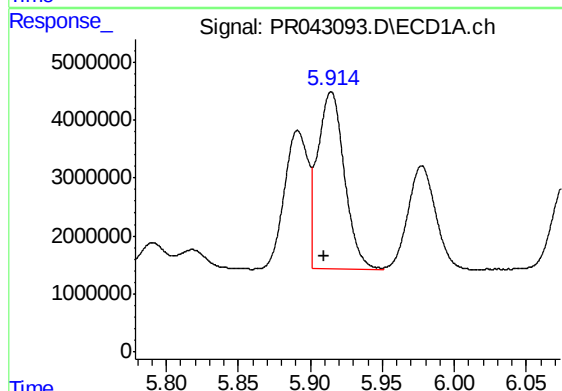
R.T.: 5.891 min
Delta R.T.: 0.004 min
Response: 27617438
Conc: 216.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



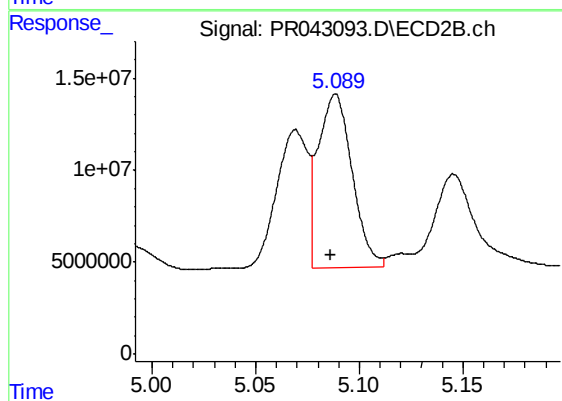
#16 AR-1242-1

R.T.: 5.069 min
Delta R.T.: 0.004 min
Response: 80355009
Conc: 192.59 ng/ml



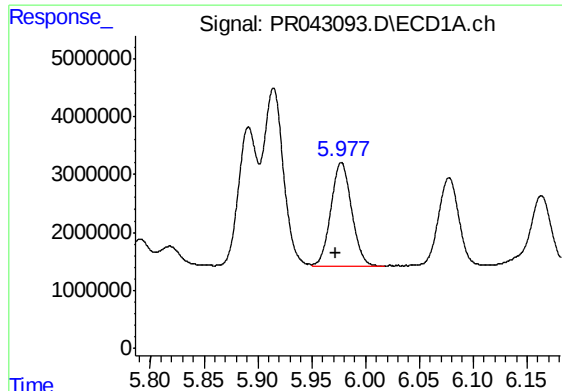
#17 AR-1242-2

R.T.: 5.915 min
Delta R.T.: 0.004 min
Response: 39427888
Conc: 219.79 ng/ml



#17 AR-1242-2

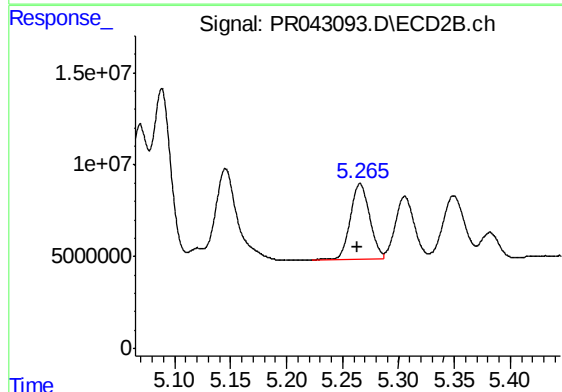
R.T.: 5.089 min
Delta R.T.: 0.003 min
Response: 107463471
Conc: 190.92 ng/ml



#18 AR-1242-3

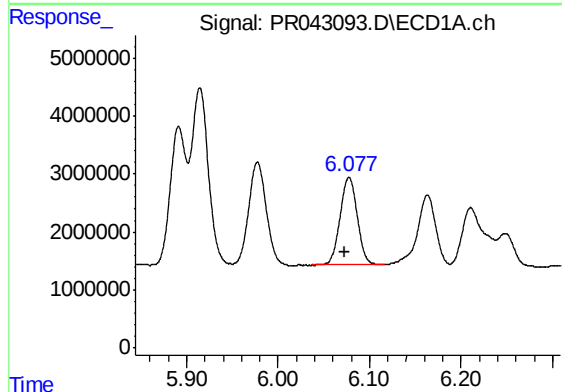
R.T.: 5.977 min
Delta R.T.: 0.005 min
Response: 23977957
Conc: 221.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



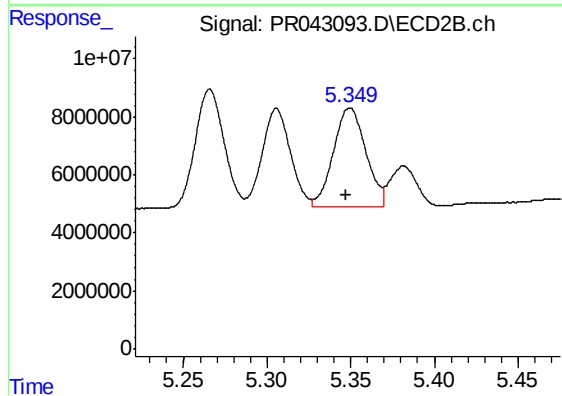
#18 AR-1242-3

R.T.: 5.266 min
Delta R.T.: 0.002 min
Response: 49217068
Conc: 181.20 ng/ml



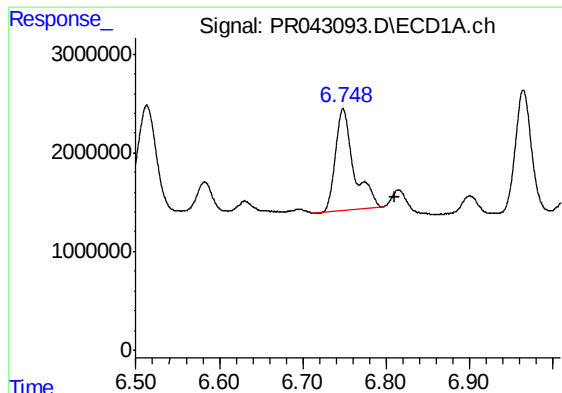
#19 AR-1242-4

R.T.: 6.078 min
Delta R.T.: 0.004 min
Response: 19652732
Conc: 218.06 ng/ml



#19 AR-1242-4

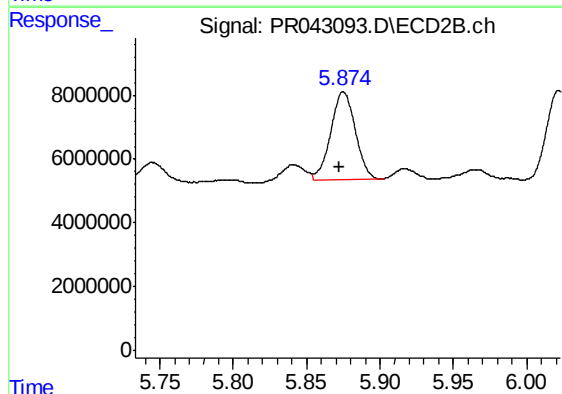
R.T.: 5.349 min
Delta R.T.: 0.003 min
Response: 46121880
Conc: 195.70 ng/ml



#20 AR-1242-5

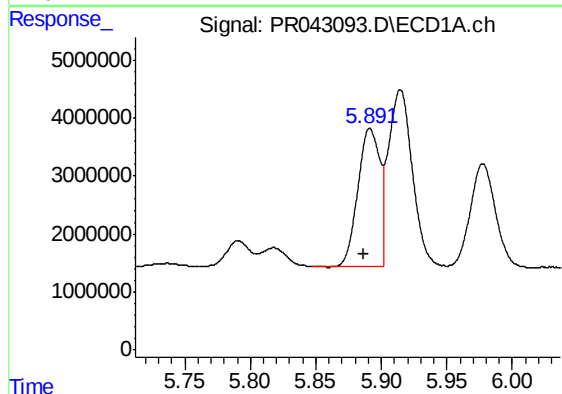
R.T.: 6.748 min
Delta R.T.: -0.062 min
Response: 15800438
Conc: 158.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



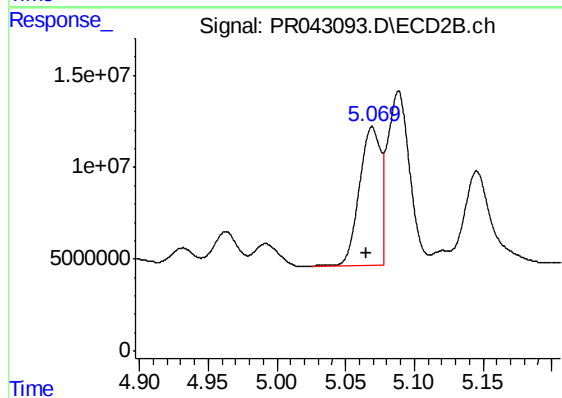
#20 AR-1242-5

R.T.: 5.875 min
Delta R.T.: 0.002 min
Response: 32506107
Conc: 110.22 ng/ml



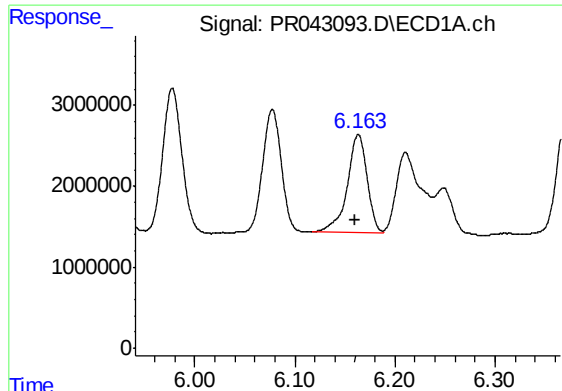
#21 AR-1248-1

R.T.: 5.891 min
Delta R.T.: 0.004 min
Response: 27617438
Conc: 291.10 ng/ml



#21 AR-1248-1

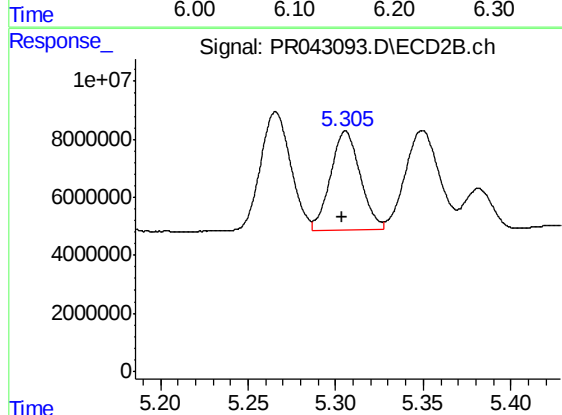
R.T.: 5.069 min
Delta R.T.: 0.004 min
Response: 80355009
Conc: 254.34 ng/ml



#22 AR-1248-2

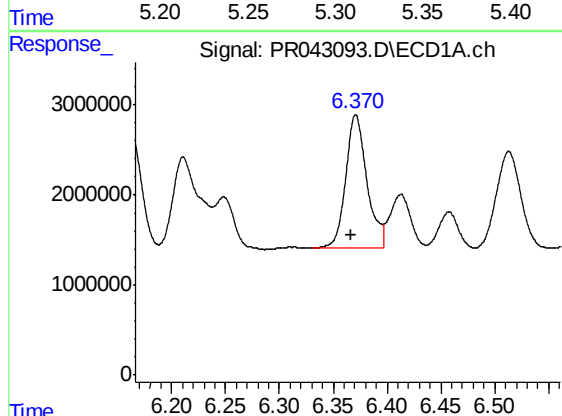
R.T.: 6.163 min
Delta R.T.: 0.003 min
Response: 16742962
Conc: 127.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



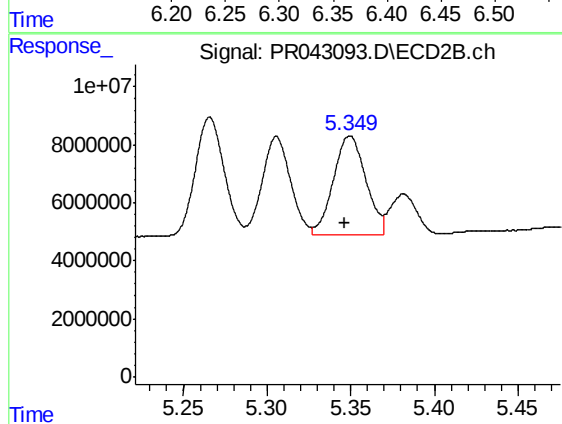
#22 AR-1248-2

R.T.: 5.306 min
Delta R.T.: 0.002 min
Response: 40269516
Conc: 121.34 ng/ml



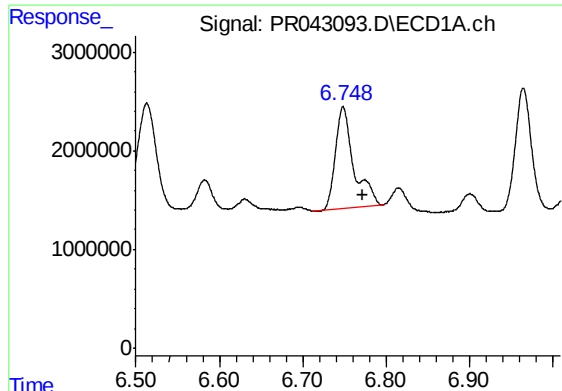
#23 AR-1248-3

R.T.: 6.371 min
Delta R.T.: 0.004 min
Response: 20261144
Conc: 136.81 ng/ml



#23 AR-1248-3

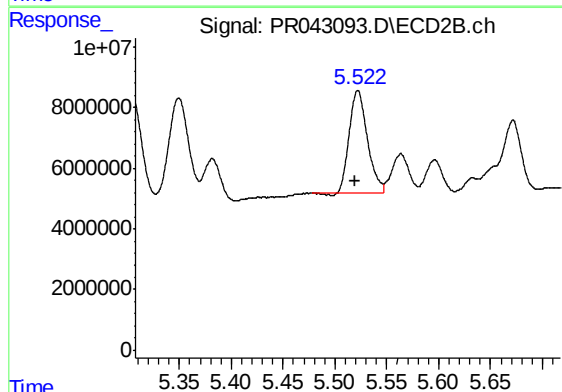
R.T.: 5.349 min
Delta R.T.: 0.003 min
Response: 46121880
Conc: 140.55 ng/ml



#24 AR-1248-4

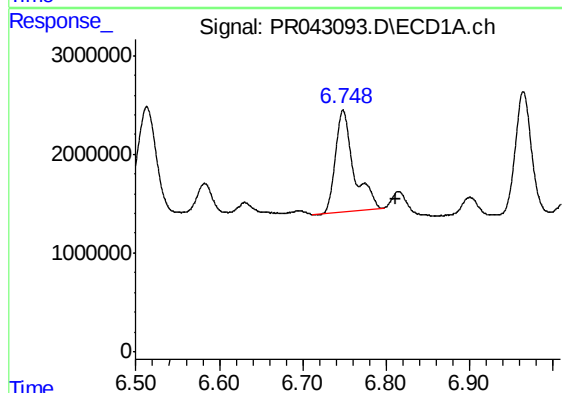
R.T.: 6.748 min
Delta R.T.: -0.023 min
Response: 15800438
Conc: 92.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



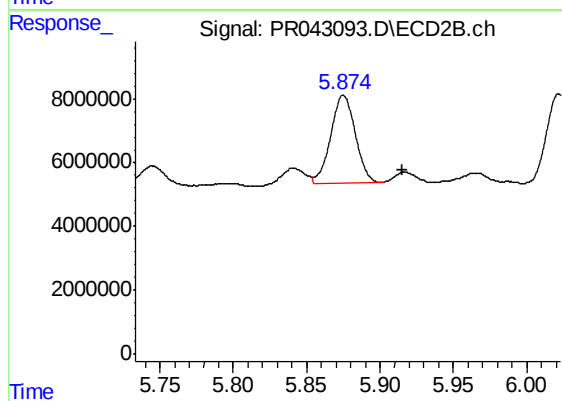
#24 AR-1248-4

R.T.: 5.522 min
Delta R.T.: 0.002 min
Response: 40766445
Conc: 113.62 ng/ml



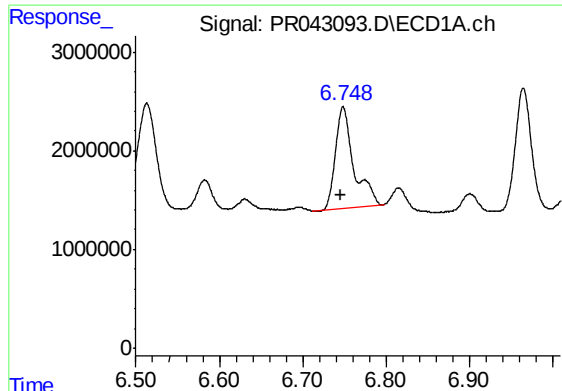
#25 AR-1248-5

R.T.: 6.748 min
Delta R.T.: -0.063 min
Response: 15800438
Conc: 97.43 ng/ml



#25 AR-1248-5

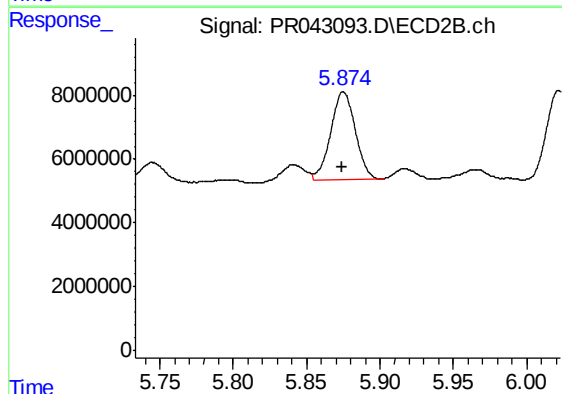
R.T.: 5.875 min
Delta R.T.: -0.040 min
Response: 32506107
Conc: 83.86 ng/ml



#26 AR-1254-1

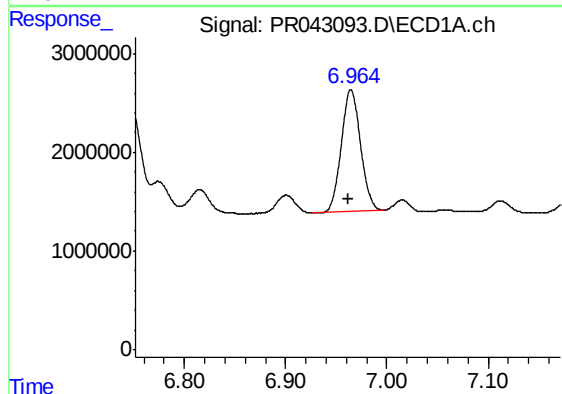
R.T.: 6.748 min
Delta R.T.: 0.003 min
Response: 15800438
Conc: 84.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



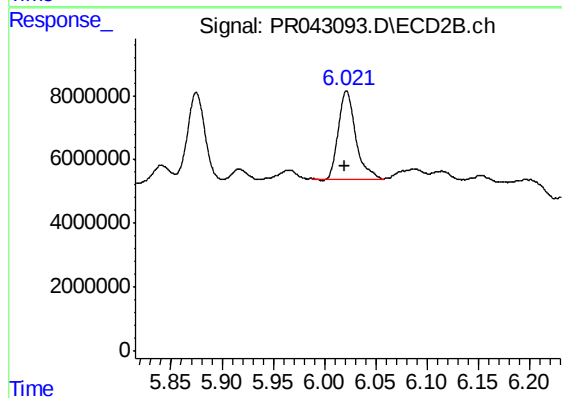
#26 AR-1254-1

R.T.: 5.875 min
Delta R.T.: 0.001 min
Response: 32506107
Conc: 51.58 ng/ml



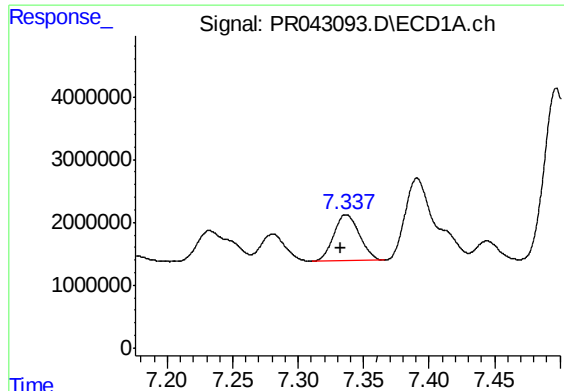
#27 AR-1254-2

R.T.: 6.964 min
Delta R.T.: 0.002 min
Response: 16246386
Conc: 55.66 ng/ml



#27 AR-1254-2

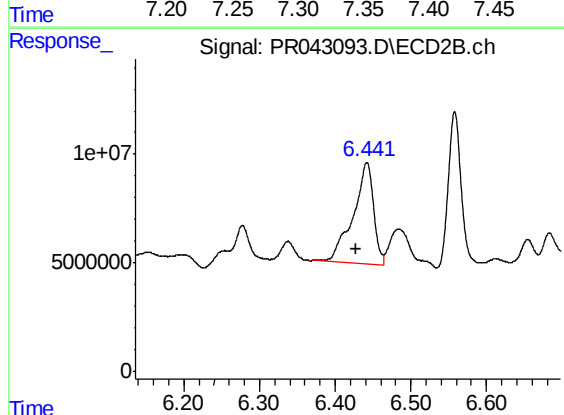
R.T.: 6.022 min
Delta R.T.: 0.002 min
Response: 32395992
Conc: 55.45 ng/ml



#28 AR-1254-3

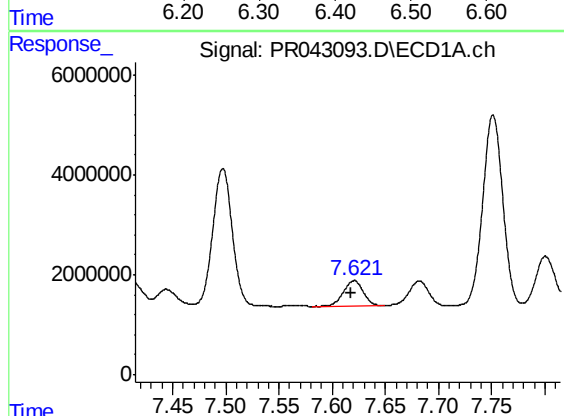
R.T.: 7.337 min
Delta R.T.: 0.004 min
Response: 10011652
Conc: 31.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



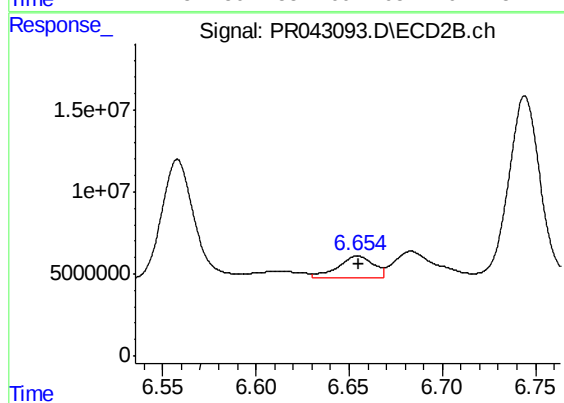
#28 AR-1254-3

R.T.: 6.442 min
Delta R.T.: 0.015 min
Response: 87350397
Conc: 84.89 ng/ml



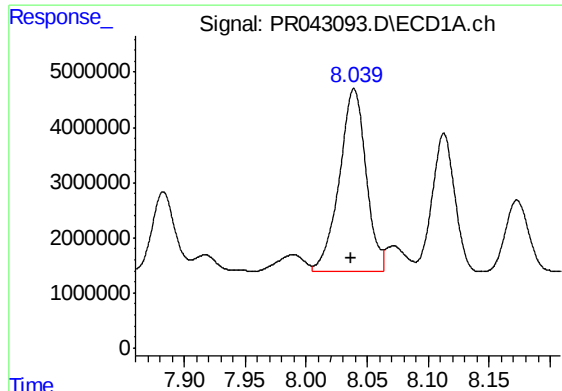
#29 AR-1254-4

R.T.: 7.621 min
Delta R.T.: 0.003 min
Response: 6473992
Conc: 27.62 ng/ml



#29 AR-1254-4

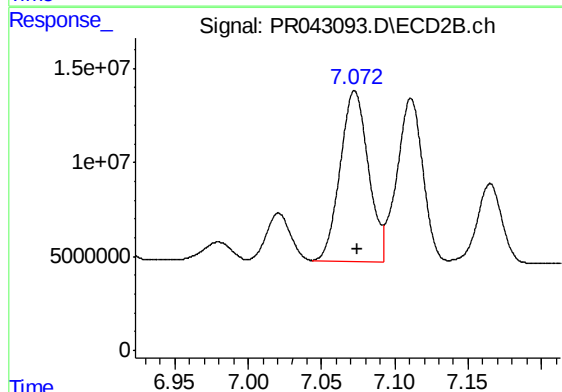
R.T.: 6.655 min
Delta R.T.: 0.000 min
Response: 17153020
Conc: 22.49 ng/ml



#30 AR-1254-5

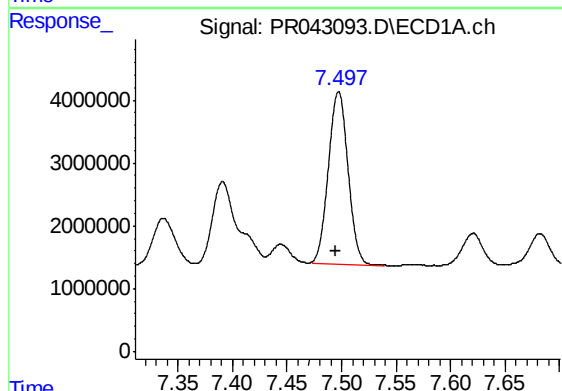
R.T.: 8.039 min
Delta R.T.: 0.002 min
Response: 50138494
Conc: 199.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



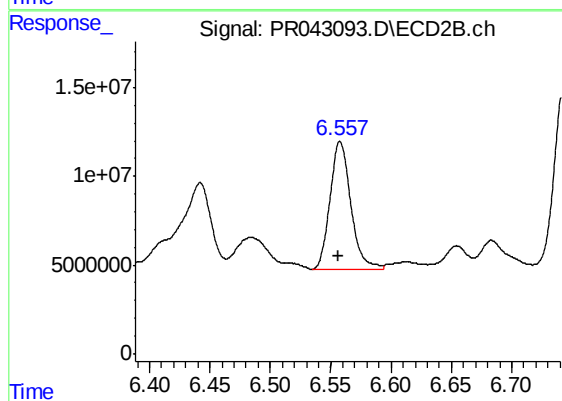
#30 AR-1254-5

R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 121846974
Conc: 132.18 ng/ml



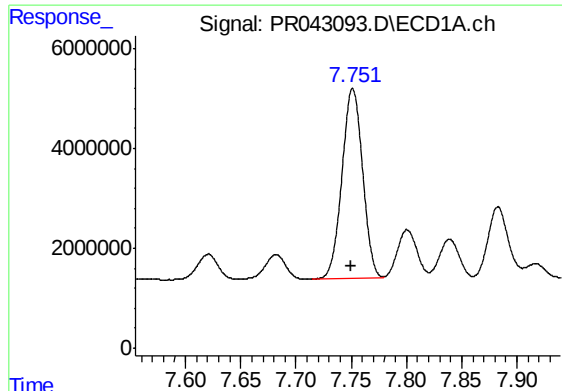
#31 AR-1260-1

R.T.: 7.497 min
Delta R.T.: 0.003 min
Response: 34250485
Conc: 164.74 ng/ml



#31 AR-1260-1

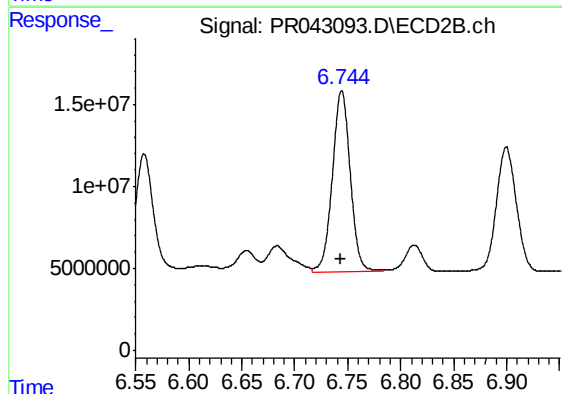
R.T.: 6.558 min
Delta R.T.: 0.002 min
Response: 86173101
Conc: 142.18 ng/ml



#32 AR-1260-2

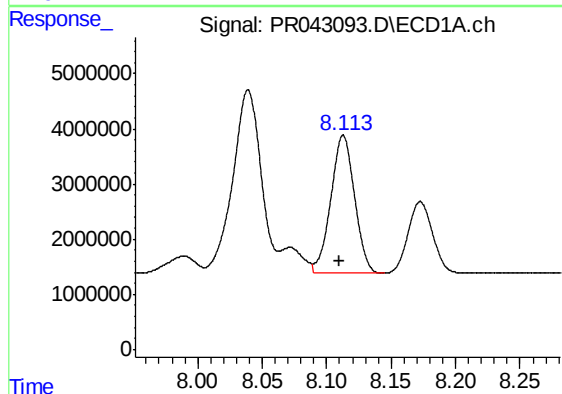
R.T.: 7.751 min
Delta R.T.: 0.002 min
Response: 49630475
Conc: 203.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



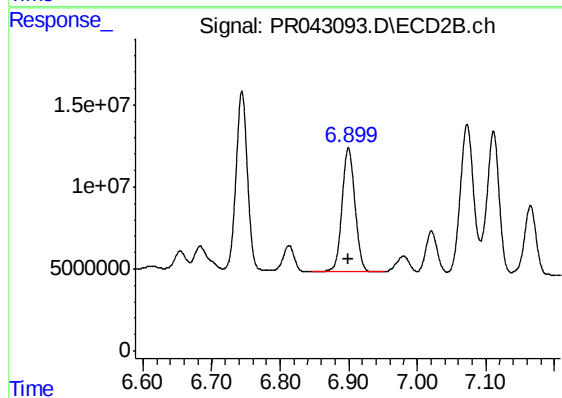
#32 AR-1260-2

R.T.: 6.744 min
Delta R.T.: 0.001 min
Response: 129873894
Conc: 150.20 ng/ml



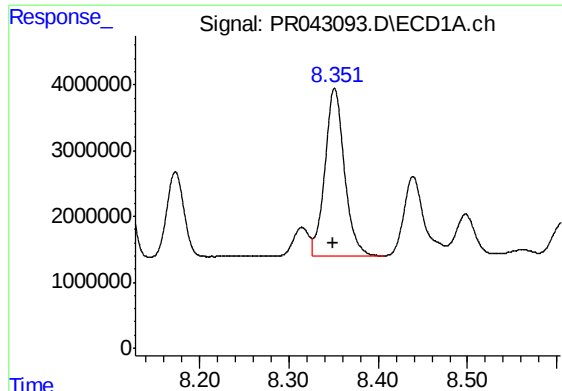
#33 AR-1260-3

R.T.: 8.113 min
Delta R.T.: 0.003 min
Response: 32235282
Conc: 178.33 ng/ml



#33 AR-1260-3

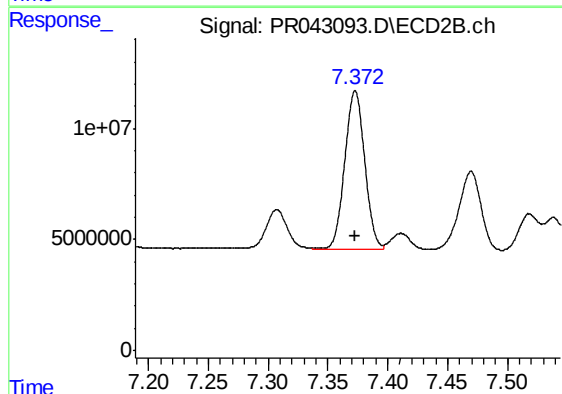
R.T.: 6.900 min
Delta R.T.: 0.000 min
Response: 99123585
Conc: 139.57 ng/ml



#34 AR-1260-4

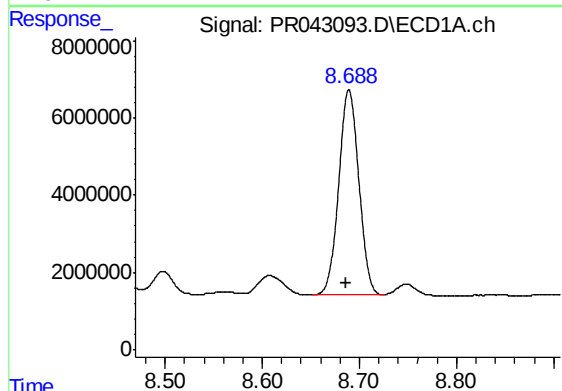
R.T.: 8.351 min
Delta R.T.: 0.002 min
Response: 38566483
Conc: 184.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



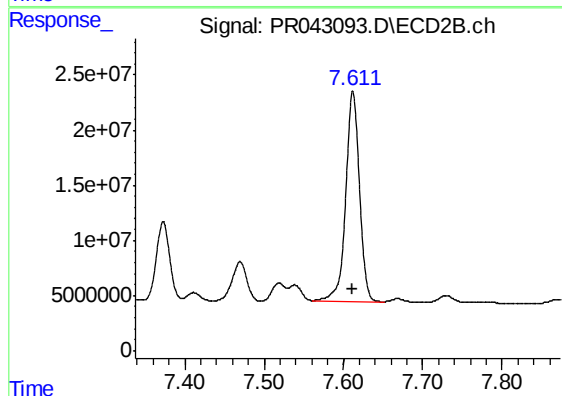
#34 AR-1260-4

R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 83137575
Conc: 142.40 ng/ml



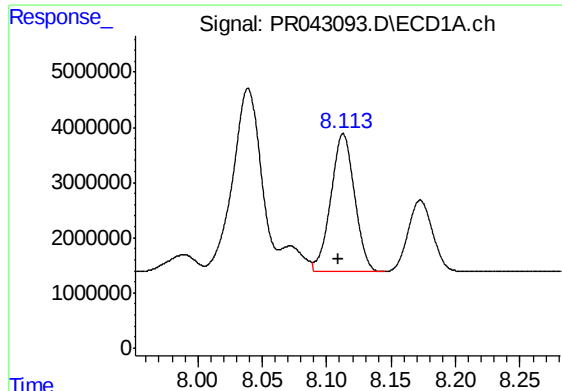
#35 AR-1260-5

R.T.: 8.689 min
Delta R.T.: 0.003 min
Response: 76550401
Conc: 184.64 ng/ml



#35 AR-1260-5

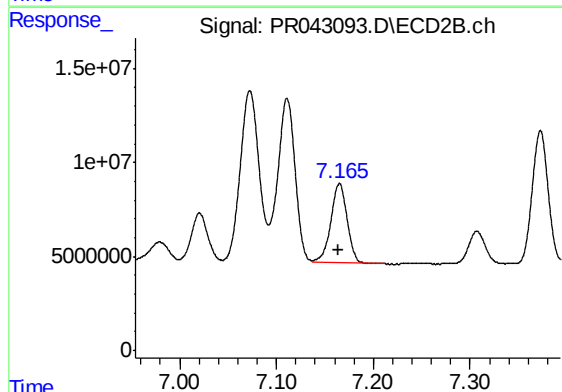
R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 230958749
Conc: 143.16 ng/ml



#36 AR-1262-1

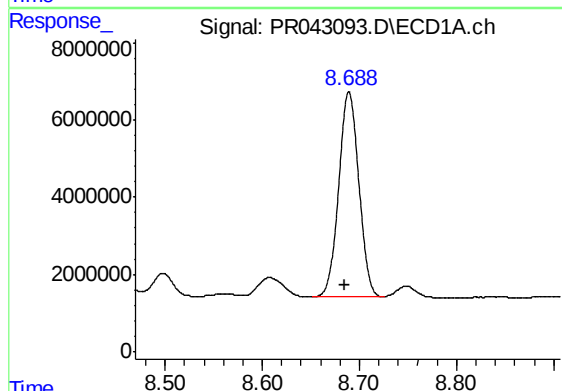
R.T.: 8.113 min
Delta R.T.: 0.004 min
Response: 32235282
Conc: 109.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



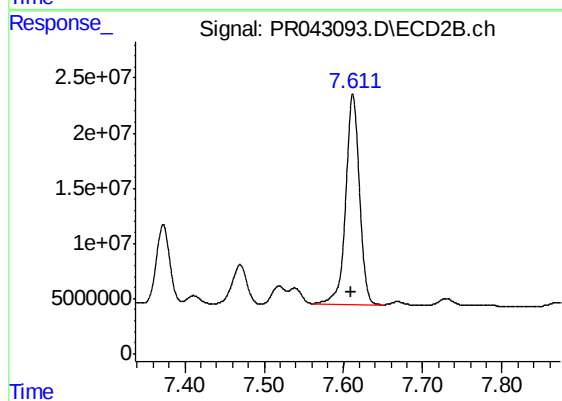
#36 AR-1262-1

R.T.: 7.165 min
Delta R.T.: 0.001 min
Response: 50246456
Conc: 115.65 ng/ml



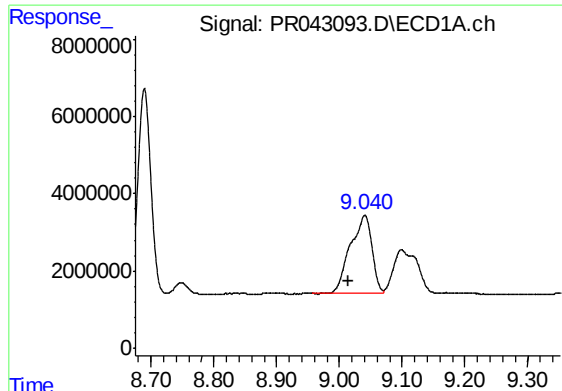
#37 AR-1262-2

R.T.: 8.689 min
Delta R.T.: 0.004 min
Response: 76550401
Conc: 137.45 ng/ml



#37 AR-1262-2

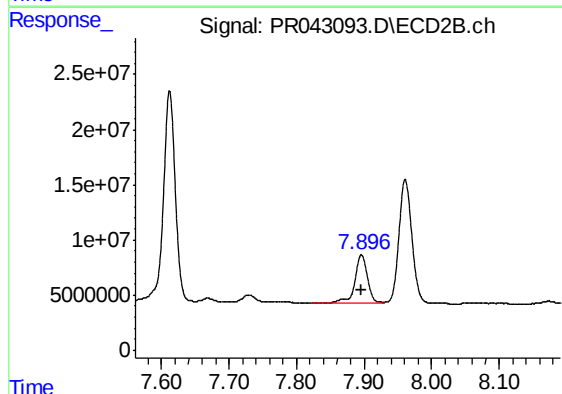
R.T.: 7.612 min
Delta R.T.: 0.002 min
Response: 230958749
Conc: 110.51 ng/ml



#38 AR-1262-3

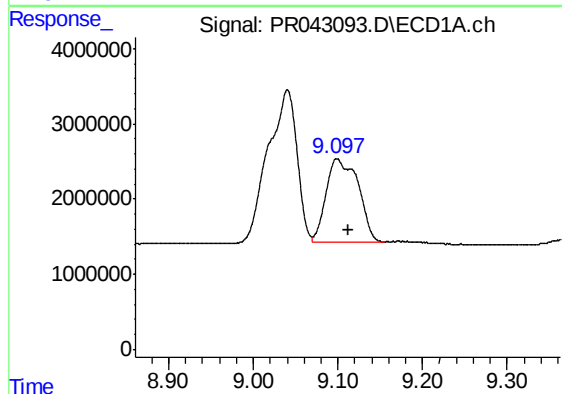
R.T.: 9.040 min
Delta R.T.: 0.025 min
Response: 48551591
Conc: 135.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



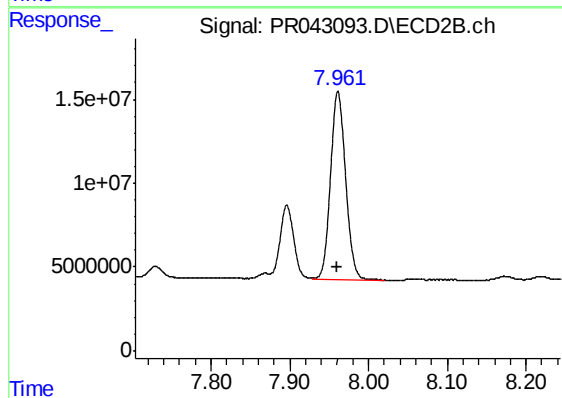
#38 AR-1262-3

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 56354324
Conc: 67.19 ng/ml



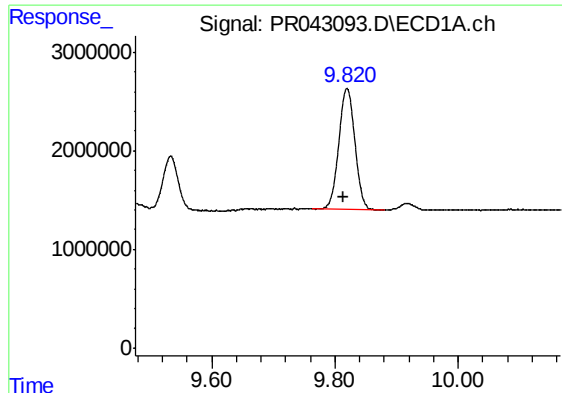
#39 AR-1262-4

R.T.: 9.099 min
Delta R.T.: -0.013 min
Response: 29289098
Conc: 216.16 ng/ml



#39 AR-1262-4

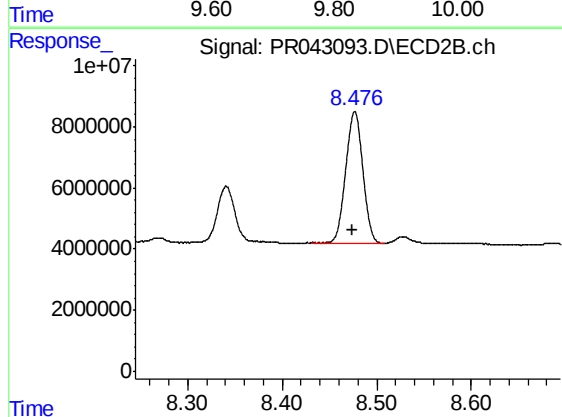
R.T.: 7.961 min
Delta R.T.: 0.001 min
Response: 149222630
Conc: 105.78 ng/ml



#40 AR-1262-5

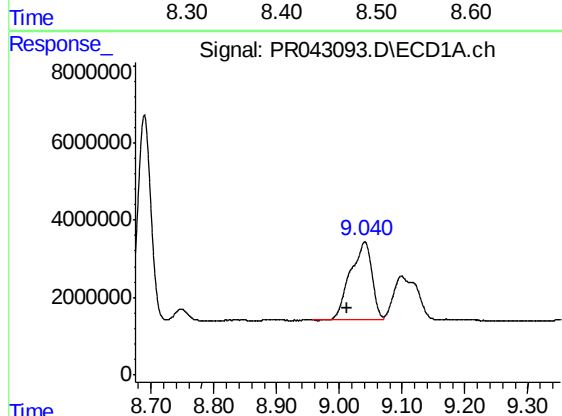
R.T.: 9.820 min
Delta R.T.: 0.005 min
Response: 22263762
Conc: 121.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



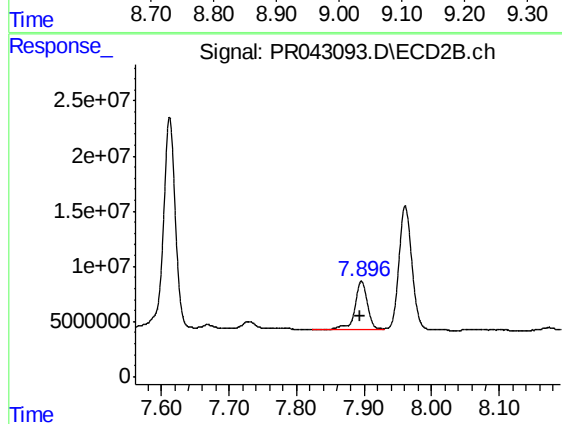
#40 AR-1262-5

R.T.: 8.477 min
Delta R.T.: 0.002 min
Response: 54362809
Conc: 83.53 ng/ml



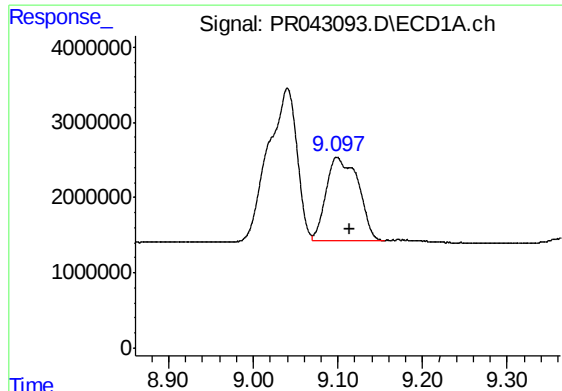
#41 AR-1268-1

R.T.: 9.040 min
Delta R.T.: 0.028 min
Response: 48551591
Conc: 76.51 ng/ml



#41 AR-1268-1

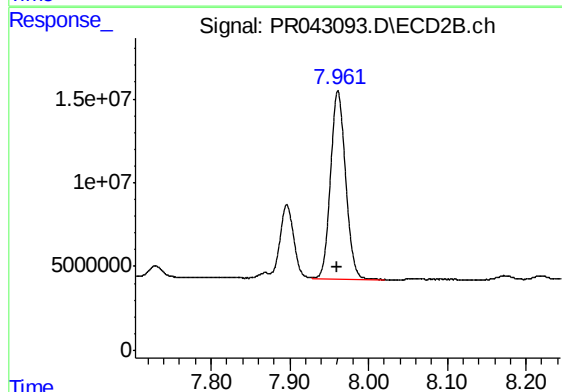
R.T.: 7.896 min
Delta R.T.: 0.002 min
Response: 56354324
Conc: 23.21 ng/ml



#42 AR-1268-2

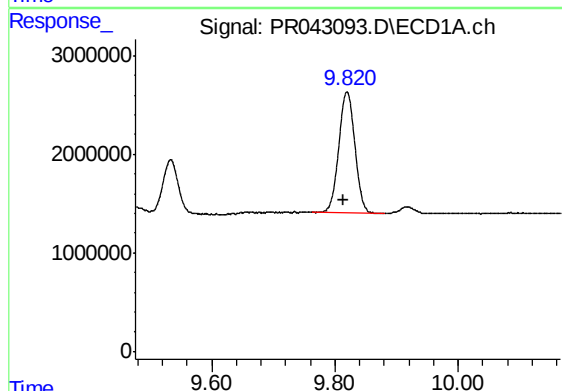
R.T.: 9.099 min
Delta R.T.: -0.015 min
Response: 29289098
Conc: 50.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



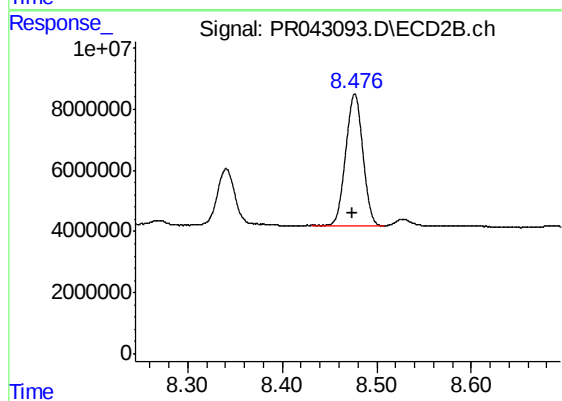
#42 AR-1268-2

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 149222630
Conc: 69.46 ng/ml



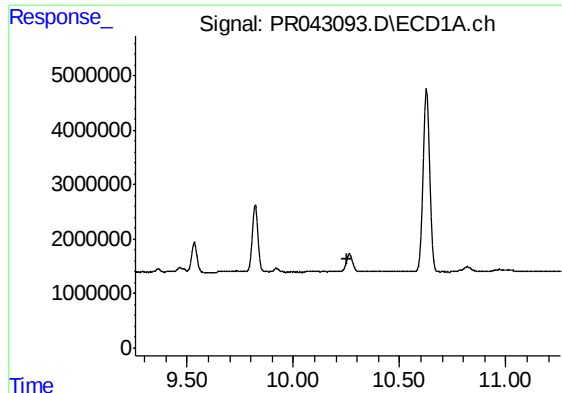
#44 AR-1268-4

R.T.: 9.820 min
Delta R.T.: 0.007 min
Response: 22263762
Conc: 108.50 ng/ml



#44 AR-1268-4

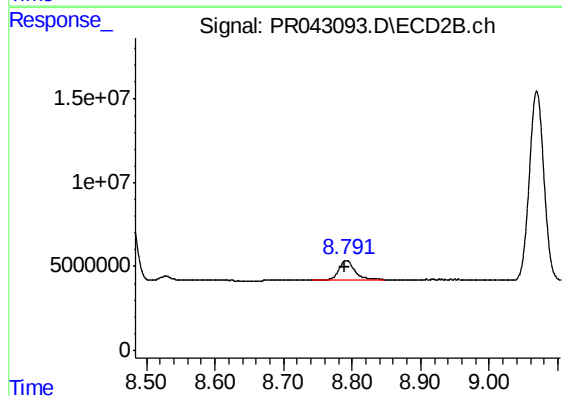
R.T.: 8.477 min
Delta R.T.: 0.003 min
Response: 54362809
Conc: 74.99 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.256 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
HD-02-111319MSD



#45 AR-1268-5

R.T.: 8.791 min
Delta R.T.: 0.003 min
Response: 17830482
Conc: 3.46 ng/ml